

**AMENDMENTS TO THE SPECIFICATION:**

Page 1, between the title and first paragraph, insert the following heading and subheading:

**BACKGROUND OF THE INVENTION**

**1. Field of the Invention**

Page 1, above the paragraph beginning at line 6, insert the following heading:

**SUMMARY OF THE INVENTION**

Page 5, above the first paragraph, insert the following heading:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Page 5, amend the paragraph beginning at line 19 as follows

**DETAILED DISCUSSION OF EMBODIMENTS**

Figure 1 shows an embodiment of the invention according to the present invention used as a simple proximity sensor. A spot projector 2 projects an array of spots onto a scene. Lens 4 collects light reflected from the scene and focuses it, through mask 6 onto the detector 8. The detector 8 is connected through filter 9 to thresholding circuitry 10 which controls alarm 12.